

EXISTING BEARING REMOVAL DETAIL

Existing Bearings.

Cost included with Jack and Remove Existing Regrings.

Burn existing anchor bolts flush with existing concrete surface. Grind existing

anchor bolts smooth and seal with epoxy. Cost included with Jack and Remove

Typical at Abutments and W. Bearing Pier 2

- Ç ⁷8" ∮ Holes Top & Bott. Plate 1'-2"

Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications. Side retainers and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Bearing —

3/4 \$ H.S. Bolts-

¹⁵₁₆ " φ Holes

Use existing holes in girder—web as a template to

field drill holes in vertical leg of connection angle.

Replace existing bolts with $^{3}_{4}$ " ϕ H.S. Bolts of

correct length.

– Exist Girder

--- Exist. Girder

Match Flevation

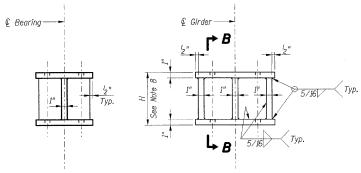
of Existina

Exist. Dia.

END DIAPHRAGM (6 THUS)

Diaphragm

PLAN STEEL EXTENSION



SECTION B-B **ELEVATION STEEL EXTENSION**

Note:Weight included with Furnishing and Erecting Structural Steel.

FABRICATED STEEL EXTENSION

BILL OF MATERIAL

Item	Unit	Total
Jack and Remove Existing Bearings	Each	42
Elastomeric Bearing Assembly, Type I	Each	42
Anchor Bolts, 1"	Each	168

- Match Elevation

– Exist, Dia

- Exist. W27

--- Exist. W36

-L6x4x³4x1'-0"

of Existing

Diaphragm

- Notes:
 1. The structural steel plates of the Bearing Assembly shall conform

 of ANSHTO M 270 Grade 50.
- to the requirements of AASHTO M 270 Grade 50. Fabricated steel extensions shall be AASHTO M 270 Grade 50.
- All bolts and threaded studs shall be AASHTO M 164 (ASTM A 325). Two hardened washers shall be required over all oversize holes.
- For anchor bolt layout details see Sheets S-016, S-019, and
- 6. Steel extension height "H" determined from record plans. Prior to ordering any material the Contractor shall verify in the field all bearing height and shim thickness dimensions.
- It is the responsibility of the Contractor to determine the top of girder elevations in the field prior to jacking and removal of the existing bearings and to rebuild to the field-verified elevations.
- The Contractor shall submit for approval by the Engineer plans for lifting the existing girders and installing the new bearings prior to commencing any related work. The existing girders shall be lifted only after the existing concrete deck has been removed. The new bearings and steel extensions shall be in place and the jacks shall be lowered before the new concrete deck is placed.

